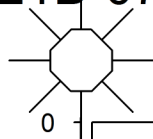
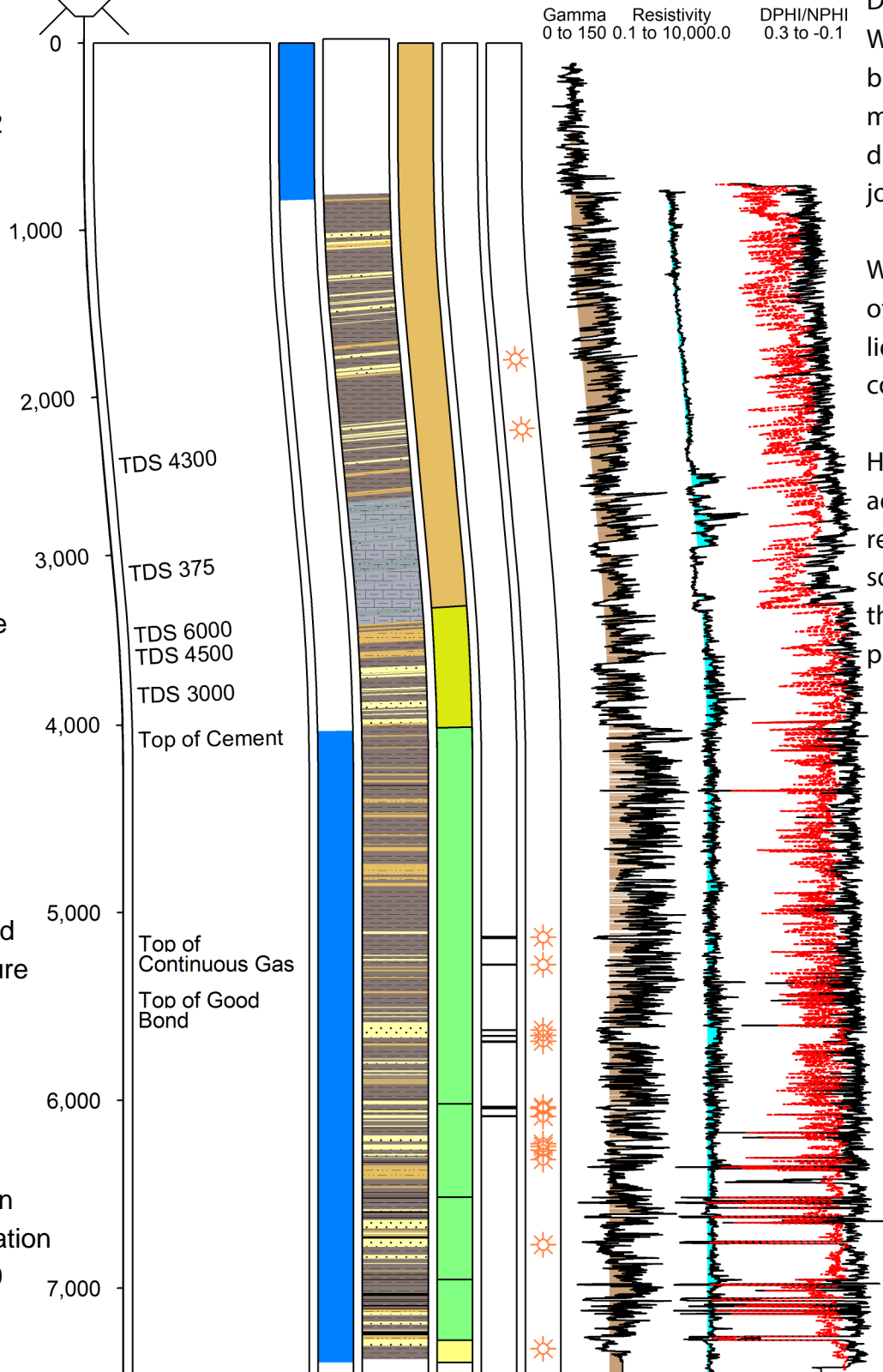


CSF #21B-07-07-91



Draft Observations:

- 1.) One month after completion, the operator reported 90 psig for a 72 hour bradenhead pressure.
- 2.) Top of cement is at 4050 ft and the top of good bond is at 5420 ft, which is below some Williams Fork formation gas shows and production perforations.
- 3.) The upper Williams Fork formation perforations were frac'd and are producing above the top of good cement bond.
- 4.) The 2013 and 2014 bradenhead pressure test reports recorded an initial pressure of 50 psig and black liquid flow from the bradenhead annulus with final pressure of 40 psig.
- 5.) The 2014 inspection report did not specify whether the well was venting.
- 6.) The calculated TDS in the lower Wasatch formation ranges from 375 to 4300 mg/l.



Draft Questions:

1. Was the bradenhead monitored during the frac job?
2. Were samples of bradenhead liquid or gas collected?
3. Have there been additional remedial cement squeezes above the upper perforations?